Technical College
System of Georgia

UTILITY AND TELECOMMUNICATIONS

The Electrical Utility Technology program is a sequence of courses designed to meet the needs of the student interested in attaining entry-level knowledge and skill necessary to work in the electrical utility industry. The program also provides the student with an avenue to pursue opportunities in other areas of the utility industry. Learning opportunities develop academic, technical, and professional knowledge, work ethics, and practical skills required for job acquisition, retention, and advancement. The program emphasizes a combination of electrical utility theory and practical application necessary for employment. The Telecommunications and Security Technology program is designed to give students the knowledge and skills to work in diverse fields associated with the telecommunications industry. Course topics range from broadband to wire line technologies, as well as other low voltage type systems. In addition to the technical aspects of the program, management and leadership courses are included to better prepare students to deal with management, accounting, planning issues, and other skill sets related to being a manager or supervisor in this area.

TREND DATA

	2021	2022	2023
ENROLLMENT	2,005	1,907	1,947
AWARDS	1,517	1,273	1,465
GRADUATES	859	708	786

AWARDS BY LEVEL: 2021-2023

TECHNICAL CERTIFICATES OF CREDIT	TCSG DIPLOMAS	ASSOCIATE DEGREES
3,337	736	182

PROGRAMS INCLUDED

Automation Engineering Technology
Basic Electrical Technician
Basic Electrician
Basic Electronic Assembler
Basic Electronics Technician
Cable Installation Specialist
Commercial Electrical Construction Technology
Commercial Electrical Technician
Commercial Wiring
Convergent Telecommunications Technology
Digital Electronics Technician
Electrical Construction Technology
Electrical Contracting Technician
Electrical Lineworker
Electrical Systems Technology
Electrical Technology

Electrical Utility Technology
Electronics Technology
IEC Electrical Apprenticeship
Industrial Controls Technician
Industrial Electrical Controls
Industrial Electrical Technology
Industrial Wiring Technician
Low Voltage Electronic Safety and Security Techni
Low Voltage System Installer
Manufacturing Maintenance Specialist
Mobile Electronics Technology
NCCER Electrical Systems Technician
NCCER Electrical Systems Construction and Maintena
NCCER Specialty Electrical Services
Photovoltaic System Installation and Repair

Residential Electrical Technician
Residential/Commercial Wiring Apprentice
Residential/Industrial Wiring
Sustainable Technologies
Telecommunications and Security Technology
Telecommunications Service/Operations
Transit Electronics Technician
Variable Frequency Drives Technician
Wireless Engineering Technology
Wireless Networking Technician

COLLEGES OFFERING

Albany
Athens
Atlanta
Augusta
Central Georgia

Coastal Pines
Georgia Northwestern
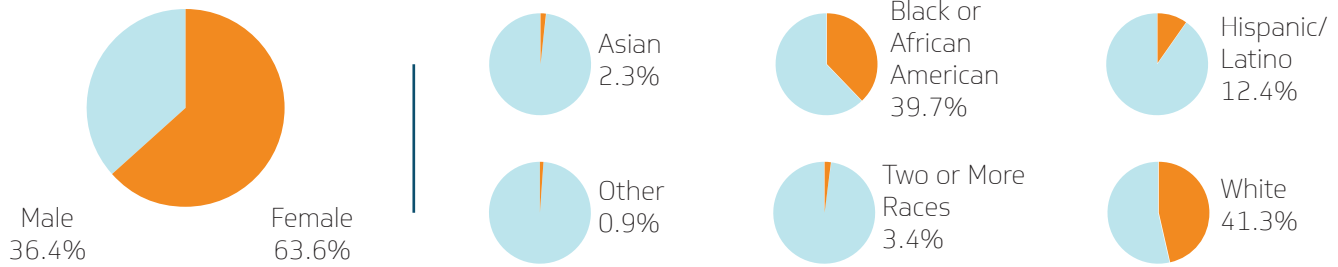Georgia Piedmont
Gwinnett
Lanier

North Georgia
Oconee Fall Line
Ogeechee
Savannah
South Georgia

Southeastern
Southern Crescent
Southern Regional
West Georgia
Wiregrass Georgia

DEMOGRAPHICS *SYSTEM OVERALL*

Male 36.4% Female 63.6%

Asian 2.3%

Black or African American 39.7%

Hispanic/ Latino 12.4%

Other 0.9%

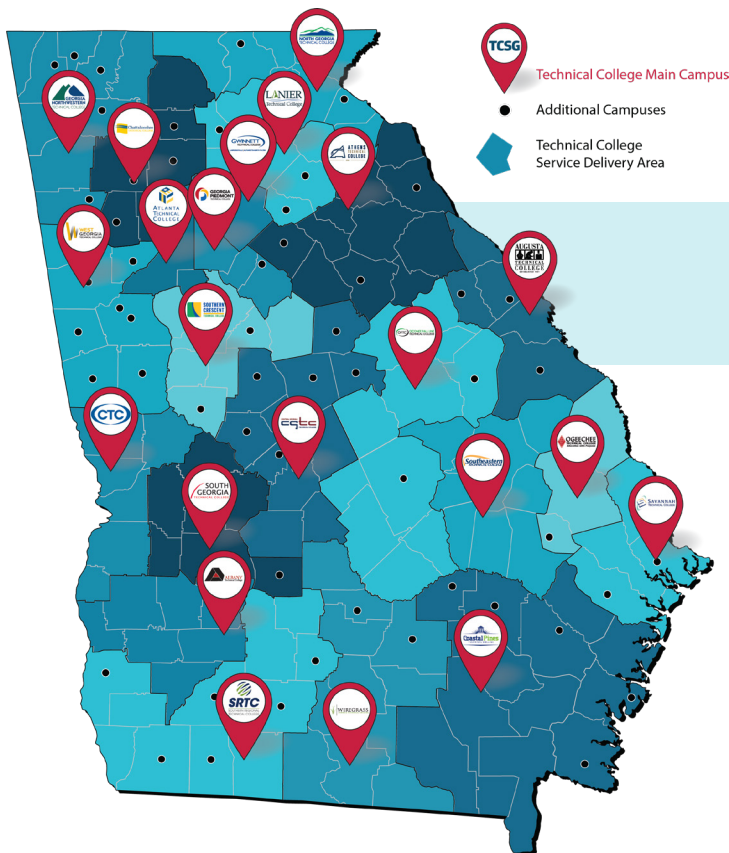Two or More Races 3.4%

White 41.3%

FINANCIAL AID

The HOPE Career Grant provides Free Tuition for students that enroll in one of 18 High Demand career fields. It also helps Georgia's employers by creating a pipeline of skilled workers they can hire well into the future. In addition, many technical college students of all ages in Diploma and Technical Certificate programs have unique access to tuition assistance for workforce credentials. Georgia's HOPE Grant (a separate program from the HOPE Scholarship) is available to Georgia residents who are working towards a certificate or diploma at an eligible college in Georgia.

TCSG GRADUATE GUARANTEE

To demonstrate confidence in and commitment to quality technical education programs which are relevant, current, and responsive to the stated expectations of Georgia's businesses and industries TCSG guarantees every graduate from a technical certificate of credit, diploma or associate degree program. The TCSG warranty guarantees that the graduate has demonstrated the knowledge and skills and can perform each competency as identified in the industry-validated Standard or Program Guide, and any program graduate who is determined to lack such competence will be retrained at no cost to the employer or graduate for tuition or instructional fees.

TCSG — Technical College Main Campus

• Additional Campuses

Technical College Service Delivery Area

88 CAMPUS LOCATIONS ACROSS GEORGIA

TCSG
Technical College System of Georgia

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